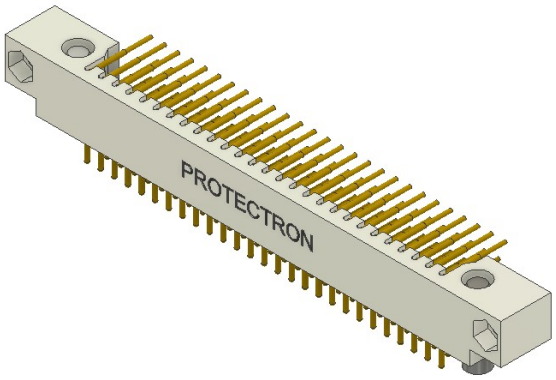
PROTECTRON®
ELECTROMECH (P) LTD

DESCRIPTION : 2.0mm PITCH MALE CONNECTOR 3ROW RIGHT ANGLE, RoHS

PART NO: P8093SM-XXX-1A

RoHS



PHYSICAL DATA

INSULATOR BODY	:	PPS (POLYPHENYLENE SULFIDE FIBREGLASS FILLED THERMOPLASTIC)
FLAMMABILITY	:	UL94V-0
OUTER SHELL	:	COPPER ALLOY, NICKEL + 0.25µ GOLD PLATED

FIXING HARDWARE

GUIDE PINS	:	STAINLESS STEEL

ELECTRICAL DATA

CONTACTS	:	3A MAX.
TEST VOLTAGE	:	750V, RMS, 60Hz @ SEA LEVEL AS PER EIA-364-20 METHOD-AA
	:	250V, RMS, 60Hz @ 70,000 FEET AS PER EIA-364-20 METHOD-A
CONTACT RESISTANCE	:	0.015Ω MAX (INTERFACE MEASUREMENT) @ 3AMPS AS PER EIA-364-06
INSULATION RESISTANCE	:	5000MΩ MIN @ 500VDC AS PER EIA-364-20.

MECHANICAL DATA

PIN INSERTION FORCE	:	0.071Kg
MECHANICAL LIFE CYCLE	:	500 CYCLES MIN.

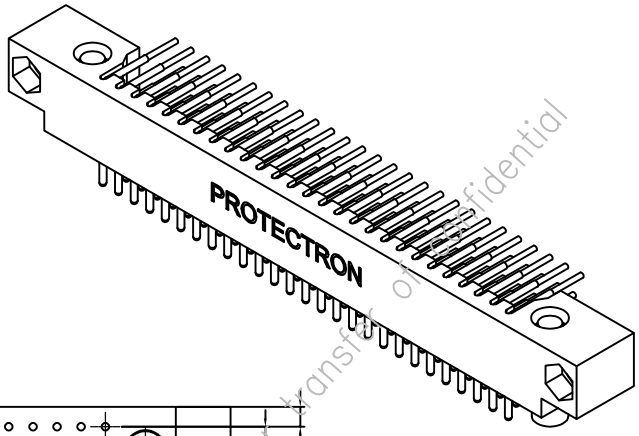
ENVIRONMENTAL DATA

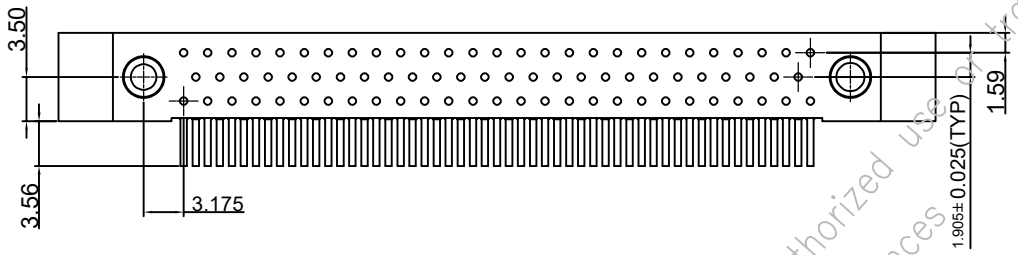
OPERATING TEMPERATURE	:	-65~C TO +125~C
VIBRATION SEVERITY	:	MATED CONNECTORS, TEST CONDITION III AS PER EIA-364-28
SHOCK SEVERITY	:	MATED CONNECTORS, TEST CONDITION G AS PER EIA-364-27
SOLVENT RESISTANCE	:	HcFc 141 bMGX (ATOCHEM) SOLVENT
SALT SPRAY TEST	:	MATED CONNECTORS, TEST CONDITION B AS PER EIA-364-26
HUMIDITY TEST	:	MATED CONNECTORS TESTED AS PER EIA-364-31, TYPE II (EXCEPT STEPS 7A AND 7B)
THERMAL SHOCK	:	TESTED TO THE TEMPERATURE EXTREMES OF EIA-364-32, TEST CONDITION-A
SIZES 50+	:	UPON ENGAGEMENT, CENTER AREA OF MATING FACES MAY REMAIN OPEN 0.254-0.635mm DUE TO SLIGHT FLEXING OF MOLDING. VIBRATION OR SHOCK SHOULD PROVIDE COMPLETE CLOSURE.

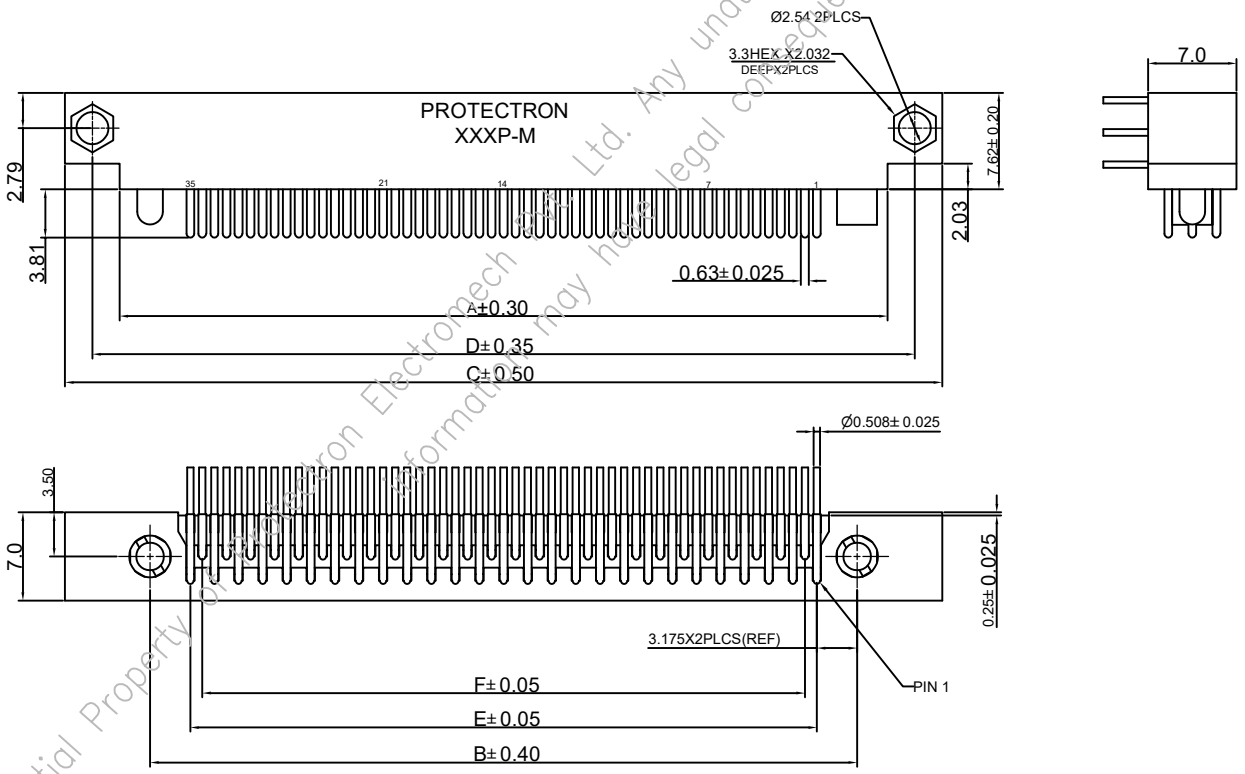
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DESCRIPTION : 2.0mm PITCH MALE CONNECTOR 3ROW
RIGHT ANGLE, RoHS

PART NO: P8093SM-XXX-1A



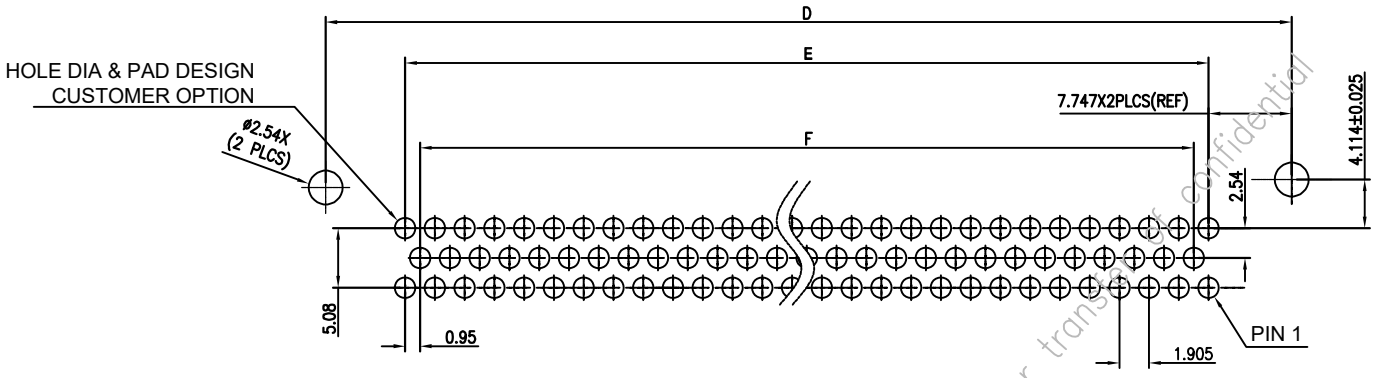




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DESCRIPTION : 2.0mm PITCH MALE CONNECTOR 3ROW RIGHT ANGLE, RoHS

PART NO: P8093SM-XXX-1A



P.C.B LAYOUT VIEWED FROM COMPONENT SIDE

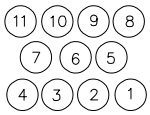
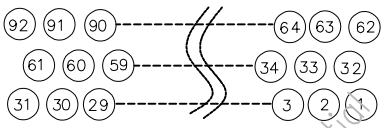
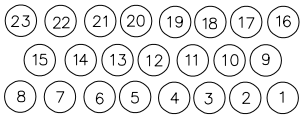
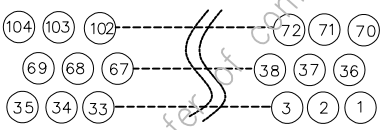
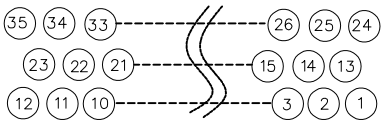
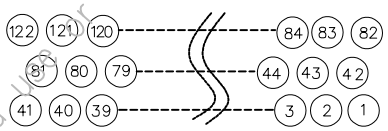
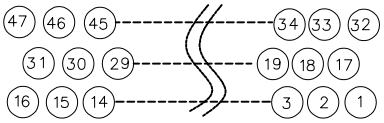
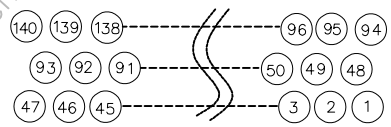
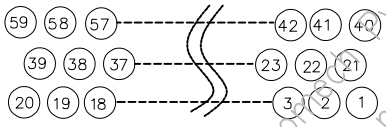
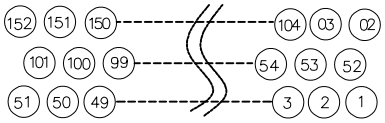
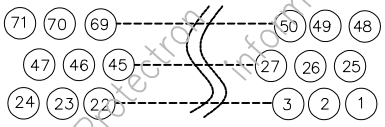
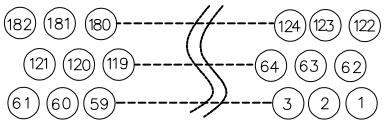
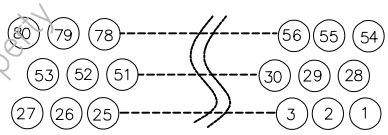
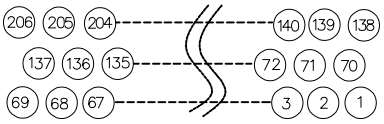
NO OF CONTACTS	DIMENSIONS					
	A	B	C	D	E	F
11	16.89	12.06	25.52	21.20	5.71	3.81
23	24.51	19.68	33.14	28.82	13.33	11.43
35	32.13	27.30	40.76	36.44	20.95	19.05
47	39.75	34.92	48.38	44.06	28.57	26.67
59	47.37	42.54	53.00	51.68	36.19	34.29
71	54.99	50.16	63.62	59.30	43.81	41.91
80	60.70	55.88	69.34	65.02	49.53	47.62
92	68.32	63.50	76.96	72.64	57.15	55.24
104	75.94	71.12	84.58	80.26	64.77	62.86
122	87.37	82.55	96.01	91.69	76.20	74.29
140	98.80	93.98	107.44	103.12	87.63	85.72
152	106.42	101.6	115.06	110.74	95.25	93.34
182	125.47	120.65	134.11	129.79	114.30	112.39
206	140.71	135.89	149.35	145.03	129.54	127.63

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ELECTROMECH (P) LTD

DESCRIPTION : 2.0mm PITCH MALE CONNECTOR 3ROW RIGHT ANGLE, RoHS

PART NO: P8093SM-XXX-1A

NO OF PIN	CONTACT ID	NO OF PIN	CONTACT ID
11		92	
NO OF PIN	CONTACT ID	NO OF PIN	CONTACT ID
23		104	
NO OF PIN	CONTACT ID	NO OF PIN	CONTACT ID
35		122	
NO OF PIN	CONTACT ID	NO OF PIN	CONTACT ID
47		140	
NO OF PIN	CONTACT ID	NO OF PIN	CONTACT ID
59		152	
NO OF PIN	CONTACT ID	NO OF PIN	CONTACT ID
71		182	
NO OF PIN	CONTACT ID	NO OF PIN	CONTACT ID
80		206	

MATES WITH

P8093FC-XXX-1A

ORDERING INFORMATION

P8093SM-XXX-1A

NO OF CONTACTS
(011-206)

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Projection:	Scale: NTS	Sht. Size: A4	Gen. Tol.: ±0.25mm ±2°	ALL DIMENSIONS ARE IN MM. IF UNLESS OTHERWISE SPECIFIED.